

## Music Rocks:

Bang, beat, strum and shake to make music! Investigate sound waves, experiment with vibrations and learn about pitch and volume.

### AISD Benchmark Targets

Science:

4. Matter and energy; define matter, energy, space, and time; identify matter as solids, liquids, and gases, such as matter as anything that takes up space and has mass, energy as ability to do work, space as volume: and time as duration. (2<sup>nd</sup>)
10. Needs of organisms; observe and identify organisms with similar needs that compete with one another for resources such as oxygen, water, food, or space; describe environmental changes in which some organisms would thrive or perish; and describe how living organisms modify their physical environment to meet their needs such as beavers building a dam or humans building a home. (5<sup>th</sup>)
11. Plan an implement investigation. (6<sup>th</sup>)

### Vocabulary

Variable	Hypotheses	Air	Amplify
Scientific method	Surface	Ear	Shorten
Waves	Frequency	Drum	Lengthen
Pitch	Solids	Music	Ear drum
Vibrations	Liquids	Reuse	Acoustics